Peipeng Liang

List of Publications by Year
in descending order

68	1,887	279701	276775
papers	citations	23	41
		h-index	g-index

68	68	68	2963
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Involvement of the dorsal and ventral attention networks in visual attention span. Human Brain Mapping, 2022, 43, 1941-1954.	1.9	12
2	Improving segmentation reliability of multi-scanner brain images using a generative adversarial network. Quantitative Imaging in Medicine and Surgery, 2022, 12, 1775-1786.	1.1	1
3	Reproducibility of volume and asymmetry measurements of hippocampus, amygdala, and entorhinal cortex on traveling volunteers: a multisite MP2RAGE prospective study. Acta Radiologica, 2021, 62, 1381-1390.	0.5	2
4	Constructing Connectome Atlas by Graph Laplacian Learning. Neuroinformatics, 2021, 19, 233-249.	1.5	0
5	Exploring the Brain Information Processing Mechanisms from Functional Connectivity to Translational Applications. Lecture Notes in Computer Science, 2021, , 99-111.	1.0	3
6	Evaluating the association between brain atrophy, hypometabolism, and cognitive decline in Alzheimer's disease: a PET/MRI study. Aging, 2021, 13, 7228-7246.	1.4	11
7	Exploring the Relationship between Gray and White Matter in Healthy Adults: A Hybrid Research of Cortical Reconstruction and Tractography. BioMed Research International, 2021, 2021, 1-9.	0.9	3
8	Neural correlates of improved inductive reasoning ability in abacus-trained children: A resting state fMRI study. PsyCh Journal, 2021, 10, 566-573.	0.5	5
9	ERP Characteristics of Inducing Rule Validity in Number Series Under Time Pressure. Perceptual and Motor Skills, 2021, 128, 1877-1904.	0.6	1
10	The Effect of Light Sedation with Midazolam on Functional Connectivity of the Dorsal Attention Network. Brain Sciences, 2021, 11, 1107.	1.1	6
11	Multi-source brain computing with systematic fusion for smart health. Information Fusion, 2021, 75, 150-167.	11.7	14
12	Altered multimodal magnetic resonance parameters of basal nucleus of Meynert in Alzheimer's disease. Annals of Clinical and Translational Neurology, 2020, 7, 1919-1929.	1.7	3
13	Involvement of the Right Dorsolateral Prefrontal Cortex in Numerical Rule Induction: A Transcranial Direct Current Stimulation Study. Frontiers in Human Neuroscience, 2020, 14, 566675.	1.0	3
14	Multicenter dataset of multi-shell diffusion MRI in healthy traveling adults with identical settings. Scientific Data, 2020, 7, 157.	2.4	27
15	Tsinghua facial expression database – A database of facial expressions in Chinese young and older women and men: Development and validation. PLoS ONE, 2020, 15, e0231304.	1.1	46
16	Neuropsychopharmacological effects of midazolam on the human brain. Brain Informatics, 2020, 7, 15.	1.8	10
17	Reproducibility of multi-shell diffusion tractography on traveling subjects: A multicenter study prospective. Magnetic Resonance Imaging, 2019, 59, 1-9.	1.0	20
18	Deterioration from healthy to mild cognitive impairment and Alzheimer's disease mirrored in corresponding loss of centrality in directed brain networks. Brain Informatics, 2019, 6, 8.	1.8	9

#	Article	IF	Citations
19	Visualizing the neuroanatomical changes in Han Chinese adulthood: A pseudo-longitudinal study based on age-related large-scale statistical Chinese brain atlases. Brain Science Advances, 2019, 5, 106-116.	0.3	0
20	Entorhinal Cortex Atrophy in Early, Drug-naive Parkinson's Disease with Mild Cognitive Impairment. , 2019, 10, 1221.		35
21	Mapping the patterns of cortical thickness in single- and multiple-domain amnestic mild cognitive impairment patients: a pilot study. Aging, 2019, 11, 10000-10015.	1.4	11
22	Dysfunctional interactions between the default mode network and the dorsal attention network in subtypes of amnestic mild cognitive impairment. Aging, 2019, 11, 9147-9166.	1.4	28
23	Decreased Cerebral Blood Flow in Mesial Thalamus and Precuneus/PCC during Midazolam Induced Sedation Assessed with ASL. Neuroinformatics, 2018, 16, 403-410.	1.5	8
24	Altered Brain Structure and Functional Connectivity of Primary Visual Cortex in Optic Neuritis. Frontiers in Human Neuroscience, 2018, 12, 473.	1.0	7
25	Learning Brain Connectivity Sub-networks by Group- Constrained Sparse Inverse Covariance Estimation for Alzheimer's Disease Classification. Frontiers in Neuroinformatics, 2018, 12, 58.	1.3	17
26	Improved Gray Matter Atrophy Detection in Alzheimer Disease in Chinese Populations Using Chinese Brain Template. Alzheimer Disease and Associated Disorders, 2018, 32, 309-313.	0.6	4
27	Baseline Brain Activity Changes in Patients With Single and Relapsing Optic Neuritis. Frontiers in Human Neuroscience, 2018, 12, 144.	1.0	2
28	Precuneus Dysfunction in Parkinson's Disease With Mild Cognitive Impairment. Frontiers in Aging Neuroscience, 2018, 10, 427.	1.7	40
29	Robust multi-atlas label propagation by deep sparse representation. Pattern Recognition, 2017, 63, 511-517.	5.1	31
30	White Matter Abnormalities in Two Different Subtypes of Amnestic Mild Cognitive Impairment. PLoS ONE, 2017, 12, e0170185.	1.1	20
31	Development of multimodal neuroimaging markers for neurological disorders – Part 1. Journal of X-Ray Science and Technology, 2016, 24, 281-283.	0.7	0
32	Development of multimodal neuroimaging markers for neurological disorders – Part 2. Journal of X-Ray Science and Technology, 2016, 24, 439-441.	0.7	0
33	Altered Spontaneous Brain Activity in Cortical and Subcortical Regions in Parkinson's Disease. Parkinson's Disease, 2016, 2016, 1-6.	0.6	14
34	Learning Effective Connectivity Network Structure from fMRI Data Based on Artificial Immune Algorithm. PLoS ONE, 2016, 11, e0152600.	1.1	13
35	Feature selection of fMRI data based on normalized mutual information and fisher discriminant ratio. Journal of X-Ray Science and Technology, 2016, 24, 467-475.	0.7	6
36	An ant colony optimization algorithm for learning brain effective connectivity network from fMRI data. , 2016, , .		1

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37	Construction of brain atlases based on a multi-center MRI dataset of 2020 Chinese adults. Scientific Reports, 2016, 5, 18216.	1.6	61
38	Activity in the fronto-parietal network indicates numerical inductive reasoning beyond calculation: An fMRI study combined with a cognitive model. Scientific Reports, 2016, 6, 25976.	1.6	16
39	Altered directional connectivity between emotion network and motor network in Parkinson's disease with depression. Medicine (United States), 2016, 95, e4222.	0.4	33
40	Multi-Atlas Based Segmentation of Brainstem Nuclei from MR Images by Deep Hyper-Graph Learning. Lecture Notes in Computer Science, 2016, 9993, 51-59.	1.0	3
41	Disruption of cortical integration during midazolamâ€induced light sedation. Human Brain Mapping, 2015, 36, 4247-4261.	1.9	31
42	Altered thalamic functional connectivity in multiple sclerosis. European Journal of Radiology, 2015, 84, 703-708.	1.2	23
43	Histogram-based normalization technique on human brain magnetic resonance images from different acquisitions. BioMedical Engineering OnLine, 2015, 14, 73.	1.3	73
44	Prefrontal and parietal activity is modulated by the rule complexity of inductive reasoning and can be predicted by a cognitive model. Neuropsychologia, 2015, 66, 67-74.	0.7	18
45	Uncovering the Neural Mechanisms Underlying Learning from Tests. PLoS ONE, 2014, 9, e92025.	1.1	22
46	Different Neural Systems Contribute to Semantic Bias and Conflict Detection in the Inclusion Fallacy Task. Frontiers in Human Neuroscience, 2014, 8, 797.	1.0	11
47	Acupuncture Stimulation of Taichong (Liv3) and Hegu (LI4) Modulates the Default Mode Network Activity in Alzheimerâ€™s Disease. American Journal of Alzheimer's Disease and Other Dementias, 2014, 29, 739-748.	0.9	67
48	White matter atrophy in brain of neuromyelitis optica: a voxel-based morphometry study. Acta Radiologica, 2014, 55, 589-593.	0.5	17
49	Acupuncture Modulates Resting State Hippocampal Functional Connectivity in Alzheimer Disease. PLoS ONE, 2014, 9, e91160.	1.1	64
50	Different strategies in solving series completion inductive reasoning problems: An fMRI and computational study. International Journal of Psychophysiology, 2014, 93, 253-260.	0.5	33
51	Altered Causal Connectivity of Resting State Brain Networks in Amnesic MCI. PLoS ONE, 2014, 9, e88476.	1.1	48
52	Altered Amplitude of Low-frequency Fluctuations in Early and Late Mild Cognitive Impairment and Alzheimer's Disease. Current Alzheimer Research, 2014, 11, 389-398.	0.7	66
53	Age-related increase in brain activity during task-related and -negative networks and numerical inductive reasoning. International Journal of Clinical and Experimental Pathology, 2014, 7, 5960-7.	0.5	0
54	Three Subsystems of the Inferior Parietal Cortex Are Differently Affected in Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2012, 30, 475-487.	1.2	61

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55	Baseline brain activity changes in patients with clinically isolated syndrome revealed by resting-state functional MRI. Acta Radiologica, 2012, 53, 1073-1078.	0.5	15
56	Using arterial spin labeling perfusion MRI to explore how midazolam produces anterograde amnesia. Neuroscience Letters, 2012, 522, 113-117.	1.0	8
57	Changes in thalamus connectivity in mild cognitive impairment: Evidence from resting state fMRI. European Journal of Radiology, 2012, 81, 277-285.	1.2	106
58	Abnormal amygdala connectivity in patients with primary insomnia: Evidence from resting state fMRI. European Journal of Radiology, 2012, 81, 1288-1295.	1.2	169
59	The Baseline and Longitudinal Changes of PCC Connectivity in Mild Cognitive Impairment: A Combined Structure and Resting-State fMRI Study. PLoS ONE, 2012, 7, e36838.	1.1	73
60	Common and dissociable neural correlates associated with component processes of inductive reasoning. NeuroImage, 2011, 56, 2292-2299.	2.1	51
61	Brain plasticity in relapsing–remitting multiple sclerosis: Evidence from resting-state fMRI. Journal of the Neurological Sciences, 2011, 304, 127-131.	0.3	46
62	Baseline and longitudinal patterns of hippocampal connectivity in mild cognitive impairment: Evidence from resting state fMRI. Journal of the Neurological Sciences, 2011, 309, 79-85.	0.3	63
63	Regional homogeneity changes in patients with neuromyelitis optica revealed by resting-state functional MRI. Clinical Neurophysiology, 2011, 122, 121-127.	0.7	42
64	Abnormal baseline brain activity in patients with neuromyelitis optica: A resting-state fMRI study. European Journal of Radiology, 2011, 80, 407-411.	1.2	56
65	Neural substrates of data-driven scientific discovery: An fMRI study during performance of number series completion task. Science China Life Sciences, 2011, 54, 466-473.	2.3	15
66	Functional Disconnection and Compensation in Mild Cognitive Impairment: Evidence from DLPFC Connectivity Using Resting-State fMRI. PLoS ONE, 2011, 6, e22153.	1.1	144
67	The role of the DLPFC in inductive reasoning of MCI patients and normal agings: An fMRI study. Science in China Series C: Life Sciences, 2009, 52, 789-795.	1.3	39
68	Perceived danger associated with a property modulates cross category generalization. Cognitive Neurodynamics, 0, , 1.	2.3	0